

A New Hearing Conservation Training Resource Developed by NASA John H. Glenn Research Center

Give me Ear Pieces for 30, please! JeopEARDy is an adaptive and interactive training tool that takes advantage of PC multimedia capabilities. JeopEARDy was developed by Beth Cooper of the NASA Glenn Research Center Acoustical Testing Laboratory and Dick Danielson of the NASA Johnson Space Center Audiology and Hearing Conservation Clinic.

The game is presented in an easy-to-use Microsoft® PowerPoint® format. As shown, the game's graphic interface is the familiar Jeopardy grid with six topics and five 'answers' under each topic with point values of 10 to 50. Of course, there is also a Final JeopEARDy question.

The program ships with a PowerPoint viewer, which is an executable file that allows the game to be run on PCs that do not have PowerPoint installed. A Read Me file located in the directory with the game file contains some important information for users.

While there are many possible applications of the game, JeopEARDy was intended to be used by an instructor in an OSHA-required hearing conservation training class. The instructor could run the program on the PC, preferably using a projector, while soliciting answers from the attendees. The interactive nature of JeopEARDy is more fun and probably more effective than traditional training lectures.

An innovative feature of the game is that it can be completely customized by the user. As the instructions state, the PPT game file can be either run as an executable or opened for editing from PowerPoint where the user can use the 'answers' and 'questions' as templates for their own specific application, perhaps customized for a particular company or industry. Another approach for a simpler modification would be to replace the provided graphic files with pictures from a particular workplace.

It is likely that the end-user will use the program as shipped and then make modifications as time progresses to avoid the



By continuing to modify the game with different questions and answers, like "What is a typical level from the pot lines?" from an aluminum smelter, or "What is the 8 hour L_{eq} from the dragline?" from a surface coal mine, participants will

typical over-familiarization that compromises conventional training materials. The program comes with 31 thoughtful questions based on the standard foundations of industrial hearing conservation, as shown here.



continually be challenged during this training activity. It is also possible that other areas of industrial hygiene could be addressed as well.

The JeopEARdy CD (which also contains tutorials on selected technical topics related to developing multimedia Power-Point shows) is distributed for public use by hearing conservationists. To request a single free copy of the disc, please visit the Acoustical Testing Laboratory website at <http://acousticaltest.grc.nasa.gov> and look in the section on Hearing Conservation for the JeopEARdy request form. Please allow four to six weeks for delivery.

JeopEARdy is one of several educational outreach products developed and distributed by the NASA Glenn Research Center Acoustical Testing Laboratory. Please visit their website at <http://acousticaltest.grc.nasa.gov> for information about other offerings. If you have comments or questions about JeopEARdy or other products or services, please direct them to Beth.A.Cooper@nasa.gov. **NHCA**

NHCA LISTSERVE

NHCA has a mailing list (listserv) through which the membership can chat with each other via e-mail messages. Some of you may already do this with your own small groups. With the NHCA listserv, you'll be able to share items with the membership at large.

So, if someone catches a new FRA (Federal Railroad Administration) noise issue, as Lee Hager recently did, then you can share your news item with the membership without having to wait for *Spectrum* to publish the item.

The listserv has been a very low-volume list during the past years. Your mailbox will not be flooded with messages after subscribing to this list.

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If you have questions about the listserv, feel free to write Rob Pluta at: nhca-listserve-admin@hearingconservation.org. **NHCA**



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